



**City of Houston**  
**Bureau of Air Quality Control**  
**Canister Sampling Data Sheet and Chain-of-Custody**



Sample ID: <u>4567</u>	Canister #: <u>4567</u>
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Canister Cleaning Information (Laboratory Personnel Only)		
Canister Cleaning Operation	Pressure	Initials / Date
Canister Cleaned and Evacuated	in Hg	
Media Blank Evacuation	in Hg	

Sampling and Analysis Request Information (BAQC Investigator Only)		
Canister Received: (Initials / Date) <u>CS / 2/5/10</u>		Canister Pressure (Upon Receipt): in Hg
Pre-Sampling Pressure: in Hg	Pre-Sampling Leak Test (Circle) Pass / Fail	
(* If the difference is greater than $\pm 2$ in Hg, do not use the canister for sampling)		
Start Time: <u>10:41</u>	End Time: <u>10:41</u>	Elapsed Time: <u>grab sample</u>
Post-Sampling Pressure: <u>-6</u> in Hg		
Potential Source (s) (Company's Name): <u>Shell Deer Park</u>	Potential Source (s) (Company's) Address (es): <u>North Effluent Treatment Area</u>	
Sample Collection Address: <u>Downwind tank EWT-10</u>	Alleged Chemical (s) (If Known) <u>PAH Emissions</u>	
GPS Coordinates:	Weather Conditions: <u>NW winds, partly cloudy.</u>	
Sample Collected By: <u>Cary Sequest</u>	Sample Date: <u>2-5-2010</u>	
Phone Number: <u>202.360.9527</u>	E-mail: <u>sequest.cary@epa.gov</u>	
Site Description and Field Comments: <u>Downwind a few tens of feet from EWT-10. PID readings 1700-2100ppb</u>		

Analysis Method Requested (Circle) VOC's by TO-15 / Other Describe:

Canister Leak Test Information (BAQC Mobile Lab Personnel Only)					
Canister Leak Test	Field Pressure (in Hg)	Lab Pressure (in Hg)	Difference in Pressure	Test Results (Circle)	Initials / Date
Final				Pass / Fail / NA	

Canister Preparation Information (BAQC Mobile Lab Personnel Only)				
Canister Preparation	Dilution 1	Dilution 2	Initials / Date:	
Pre-Dilution Pressure	in Hg	in Hg		
Post-Dilution Pressure	psi	psi		
Dilution Factors	#1	#2		
Laboratory Comments:				

Chain of Custody	
Relinquished by: (Signature/Date)	Received by: (Signature/Date)
<u>Cary Sequest 2-5-2010</u>	<u>Pete Chen 2-5-10</u>
<u>K.M. 2-10-10</u>	<u>K.M. 2-9-10</u>



**City of Houston**  
**Bureau of Air Quality Control**  
**Canister Sampling Data Sheet and Chain-of-Custody**



Sample ID:	Canister #: <u>4569</u>
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Canister Cleaning Information (Laboratory Personnel Only)		
Canister Cleaning Operation	Pressure	Initials / Date
Canister Cleaned and Evacuated	in Hg	
Media Blank Evacuation	in Hg	

Sampling and Analysis Request Information (BAQC Investigator Only)		
Canister Received: (Initials / Date)	Canister Pressure (Upon Receipt): in Hg	
Pre-Sampling Pressure: <u>-28.8</u> in Hg      Pre-Sampling Leak Test (Circle) <u>Pass</u> / Fail		
(* If the difference is greater than $\pm 2$ in Hg, do not use the canister for sampling)		
Start Time: <u>16:10 pm</u>	End Time: <u>17:10 pm</u>	Elapsed Time: <u>60 min</u>
Post-Sampling Pressure: <u>-8.1</u> in Hg		
Potential Source (s) (Company's Name): <u>Shell chemical co.</u>	Potential Source (s) (Company's) Address (es):	
Sample Collection Address:	Alleged Chemical (s) (If Known)	
GPS Coordinates: <u>L Street between 15th &amp; 16th Streets</u> <u>29.72188 N, 95.12305 W</u>	Weather Conditions: <u>Northwest Wind 5mph</u>	
Sample Collected By: <u>Peter Chen</u>	Sample Date: <u>3/26/10</u>	
Phone Number: <u>832-393-5622</u>	E-mail: <u>Peter.Chen@cityofhouston.net</u>	
Site Description and Field Comments:		

Analysis Method Requested (Circle) VOC's by TO-15 / Other Describe:
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Canister Leak Test Information (BAQC Mobile Lab Personnel Only)					
Canister Leak Test	Field Pressure (in Hg)	Lab Pressure (in Hg)	Difference in Pressure	Test Results (Circle)	Initials / Date
Final				Pass / Fail / NA	

Canister Preparation Information (BAQC Mobile Lab Personnel Only)			
Canister Preparation	Dilution 1	Dilution 2	Initials / Date:
Pre-Dilution Pressure	in Hg	in Hg	
Post-Dilution Pressure	psi	psi	
Dilution Factors	#1	#2	
Laboratory Comments:			

Chain of Custody	
Relinquished by: (Signature/Date) <u>Peter Chen 3/29/10</u>	Received by: (Signature/Date) <u>[Signature] 3/29/2010</u>



City of Houston  
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Canister Sampling Data Sheet and Chain-of-Custody



Sample ID:	Canister #: 1661
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Canister Cleaning Information (Laboratory Personnel Only)		
Canister Cleaning Operation	Pressure	Initials / Date 3/25/10
Canister Cleaned and Evacuated	130 in Hg	
Media Blank Evacuation	in Hg	

Sampling and Analysis Request Information (BAQC Investigator Only)	
Canister Received: (Initials / Date)	Canister Pressure (Upon Receipt): in Hg
Pre-Sampling Pressure: 130 in Hg	Pre-Sampling Leak Test (Circle) Pass Fail
(* If the difference is greater than $\pm 2$ in Hg, do not use the canister for sampling)	
Start Time: 4:06 PM	End Time: 5:06 PM
Elapsed Time: 60 min	
Post-Sampling Pressure: 28.2 in Hg	
Potential Source (s) (Company's Name): Shell Deer Park	Potential Source (s) (Company's) Address (es):
Sample Collection Address: Parking lot P + 15th Street - South of Hydro processing CR	Alleged Chemical (s) (If Known) VOC
GPS Coordinates: 29.7248N 95.1195W	Weather Conditions: Sunny, wind out of NW at 2 meters second
Sample Collected By: Y. Bin	Sample Date: 3/25/10
Phone Number: 713 246-6141	E-mail: b.bessettehenderson@shell.com
Site Description and Field Comments:	

Analysis Method Requested (Circle) VOC's by TO-15 / Other Describe:
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Canister Leak Test Information (BAQC Mobile Lab Personnel Only)					
Canister Leak Test	Field Pressure (in Hg)	Lab Pressure (in Hg)	Difference in Pressure	Test Results (Circle)	Initials / Date
Final				Pass / Fail / NA	

Canister Preparation Information (BAQC Mobile Lab Personnel Only)			
Canister Preparation	Dilution 1	Dilution 2	Initials / Date:
Pre-Dilution Pressure	in Hg	in Hg	
Post-Dilution Pressure	psi	psi	
Dilution Factors	#1	#2	
Laboratory Comments:			

Chain of Custody	
Relinquished by: (Signature/Date)	Received by: (Signature/Date)
Peter Chan 3/26/10	Bj Bessettehenderson 3/26/2010 E-35



**City of Houston**  
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**Canister Sampling Data Sheet and Chain-of-Custody**



Sample ID: <b>4568 Grab</b>	Canister #: <b>4568</b>
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Canister Cleaning Information (Laboratory Personnel Only)		
Canister Cleaning Operation	Pressure	Initials / Date
Canister Cleaned and Evacuated	in Hg	
Media Blank Evacuation	in Hg	

Sampling and Analysis Request Information (BAQC Investigator Only)		
Canister Received: (Initials / Date) <b>CS 2-10-10</b>		Canister Pressure (Upon Receipt): <b>-30</b> in Hg
Pre-Sampling Pressure: <b>-30</b> in Hg		Pre-Sampling Leak Test (Circle) <b>(Pass)</b> / Fail
(* If the difference is greater than $\pm 2$ in Hg, do not use the canister for sampling)		
Start Time: <b>15:58</b>	End Time: <b>15:58</b>	Elapsed Time: <b>&lt; 60 sec</b>
Post-Sampling Pressure: <b>-6</b> in Hg		
Potential Source (s) (Company's Name): <b>Shell Deer Park</b>	Potential Source (s) (Company's) Address (es): <b>TOL-913 Pygas tank</b>	
Sample Collection Address: <b>Co-located w/ sample # 1350</b>	Alleged Chemical (s) (If Known) <b>aromatic hydrocarbons</b>	
GPS Coordinates:	Weather Conditions: <b>sky condition: overcast. Light rain.</b>	
Sample Collected By: <b>Cary Secret</b>	Sample Date: <b>2-10-2010</b>	
Phone Number: <b>202.340.9527</b>	E-mail: <b>secret.cary@epa.gov</b>	
Site Description and Field Comments: <b>Sample location 59 m NNW of center of TOL-913. PID readings 700-1200 ppb during sampling.</b>		

Analysis Method Requested (Circle) VOC's by TO-15 / Other Describe:
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Canister Leak Test Information (BAQC Mobile Lab Personnel Only)					
Canister Leak Test	Field Pressure (in Hg)	Lab Pressure (in Hg)	Difference in Pressure	Test Results (Circle)	Initials / Date
Final				Pass / Fail / NA	

Canister Preparation Information (BAQC Mobile Lab Personnel Only)			
Canister Preparation	Dilution 1	Dilution 2	Initials / Date:
Pre-Dilution Pressure	in Hg	in Hg	
Post-Dilution Pressure	psi	psi	
Dilution Factors	#1	#2	
Laboratory Comments:			

Chain of Custody	
Relinquished by: (Signature/Date) <b>Cary Secret 16:55 on 2-10-10</b>	Received by: (Signature/Date) <b>Bessette-Henderson at 16:55 on 2/10/10</b>